

09/680, 271

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NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
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NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
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NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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FILE 'HOME' ENTERED AT 16:39:23 ON 04 NOV 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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STRUCTURE FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9
DICTIONARY FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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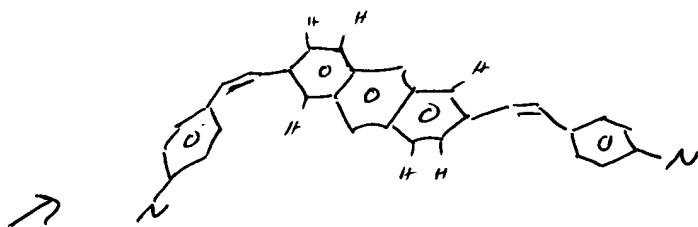
Uploading 09680371.str

L1 STRUCTURE UPLOADED

=> d query

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 16:39:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 132 TO ITERATE

100.0% PROCESSED 132 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1951 TO 3329
PROJECTED ANSWERS: 5 TO 234

L2 5 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 16:39:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2730 TO ITERATE

100.0% PROCESSED 2730 ITERATIONS 52 ANSWERS
SEARCH TIME: 00.00.01

L3 52 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.15	148.36

FILE 'CAPLUS' ENTERED AT 16:40:02 ON 04 NOV 2003
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FILE COVERS 1907 - 4 Nov 2003 VOL 139 ISS 19
FILE LAST UPDATED: 3 Nov 2003 (20031103/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 7 L3

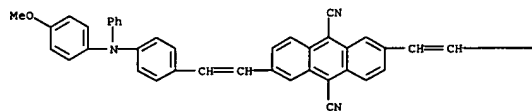
=> d l4 1-7 abs ibib hitstr

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
 AB We developed novel distyryl compds. aiming red light-emitting materials for org. EL active panels. Both photoluminescence and electroluminescence spectra have the peaks in the region of 630-650 nm. They have good fluorescence quantum yield(0.8-0.97, in soln.), and high glass transition temp.(103-120.degree.C). Use of BSN as an emitting material enables fabrication of fine red EL device that exhibits high luminance efficiency.

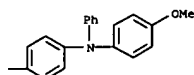
ACCESSION NUMBER: 2003:426713 CAPLUS
 DOCUMENT NUMBER: 139:252434
 TITLE: Red emitting materials for organic EL display
 AUTHOR(S): Ichimura, Mari; Ishibashi, Tadashi; Ueda, Naoyuki; Tamura, Shin-ichiro
 CORPORATE SOURCE: Organic EL Development, Core Technology & Network Company, Japan
 SOURCE: Proceedings of the Sony Research Forum (2002), Volume Date 2001, 11th, 329-334
 CODEN: PSRFFO; ISSN: 1340-3508
 PUBLISHER: Soni K.K., R & D Senryakubu
 DOCUMENT TYPE: Journal; (computer optical disk)
 LANGUAGE: English

IT 253868-96-1P
 RL: DEV (Device component use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
 (red emitting materials for org. EL display)
 RN 253868-96-1 CAPLUS
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
 AB The element has an org. layer (including a light-emitting region) between an anode and a cathode, wherein the org. layer contains an elec. conductive polymer including a styryl compd. (a distyryl compd., preferably) chem. bonded to the main or side chain of the polymer.

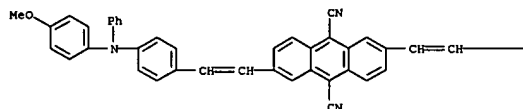
ACCESSION NUMBER: 2002:553526 CAPLUS
 DOCUMENT NUMBER: 137:132204
 TITLE: Organic electroluminescent (EL) elements for full-color flat displays with high brightness and durability
 INVENTOR(S): Tamura, Shinichiro; Ishibashi, Tadashi; Ichimura, Mari
 PATENT ASSIGNEE(S): Sony Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp. CODEN: JKOXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PRIORITY APPL. INFO.:			JP 2001-4859	20010112

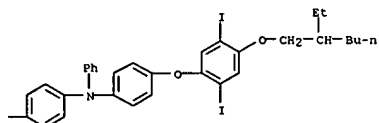
IT 443971-39-9 443971-41-3
 RL: TEM (Technical or engineered material use); USES (Uses)
 (light emitter; org. EL elements contg. elec. conductive polymers having distyryl structures with high brightness and durability)
 RN 443971-39-9 CAPLUS
 CN 9,10-Anthracenedicarbonitrile, 2-[(2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]-6-[(2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]-, polymer with 1-[(2-ethylhexyl)oxy]-2,5-diiodo-4-methoxybenzene and 2,2'-[2-[(2-ethylhexyl)oxy]-5-methoxy-1,4-phenylene]di-2,1-ethenediyl]bis[1,3,2-dioxaborolane] (9CI) (CA INDEX NAME)

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 CMF C71 H58 I2 N4 O3

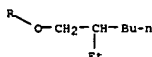
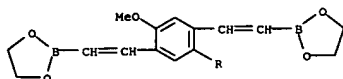
PAGE 1-A



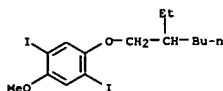
L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 PAGE 1-B



CM 2
 CRN 443971-32-2
 CMF C23 H34 B2 O6



CM 3
 CRN 262355-67-9
 CMF C15 H22 I2 O2

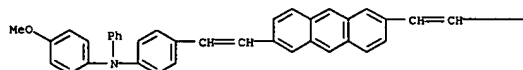


RN 443971-41-3 CAPLUS
 CN Benzamine,
 N-[4-[(4-[(2-ethylhexyl)oxy]-2,5-diiodophenoxy)phenyl]-4-[2-[(2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]-2-anthracenyl]ethenyl]-N-phenyl-, polymer with 1-[(2-ethylhexyl)oxy]-2,5-diiodo-4-methoxybenzene and 2,2'-[2-[(2-ethylhexyl)oxy]-5-methoxy-1,4-phenylene]di-2,1-ethenediyl]bis[1,3,2-dioxaborolane] (9CI) (CA INDEX NAME)

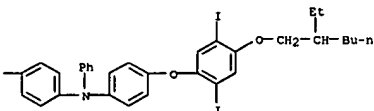
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L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CRN 443971-40-2
 CMF C69 H60 I2 N2 O3

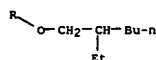
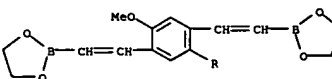
PAGE 1-A



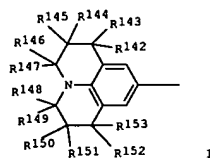
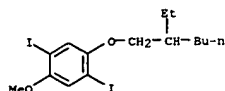
PAGE 1-B



CM 2
 CRN 443971-32-2
 CMF C23 H34 B2 O6



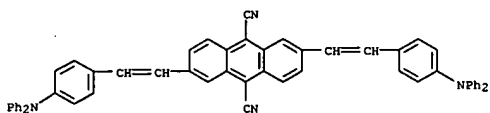
CM 3
 CRN 262355-67-9
 CMF C15 H22 I2 O2



AB The electroluminescence (EL) elements contain aminostyryl compds. Y1CH:CHX1CH:CHY2 and/or Y3CH:CHX2 [X1 = substituted anthracenylene (substituent = halo, nitro, cyano, CF3, etc.); X2 = (un)substituted Ph, naphthalenyl, anthracenyl, phenanthrenyl, pyrenyl (substituent = H, halo, nitro, cyano, CF3); Y1-3 = H, alkyl, aryl that may contain C6H4N1Z2, I, or (un)substituted Ph; Z1, Z2 = H, alkyl, aryl; R142-153 = H, alkyl, aryl, alkoxy, halo, etc.].

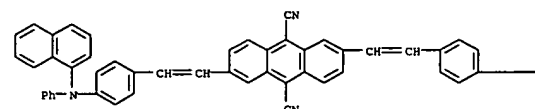
ACCESSION NUMBER: 2002:349431 CAPLUS
DOCUMENT NUMBER: 136:377566
TITLE: Red organic electroluminescence elements with good color stability and high brightness for displays
INVENTOR(S): Ishibashi, Tadashi; Ichimura, Mari; Tamura, Shinichiro; Ueda, Naoyuki
PATENT ASSIGNEE(S): Sony Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 31 pp.
CODEN: JKOXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002134276	A2	20020510	JP 2000-329902	20001030
PRIORITY APPLN. INFO.: JP 2000-329902 20001030				
OTHER SOURCE(S): MARPAT 136:377566				
IT 253869-00-0 321709-39-1				
RL: TEM (Technical or engineered material use); USES (Uses) (red org. EL elements with good color stability and high brightness for displays)				
RN 253869-00-0 CAPLUS				
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(diphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)				

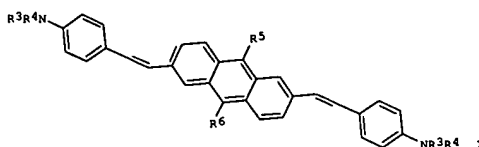
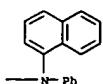


RN 321709-39-1 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(1-naphthalenylphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

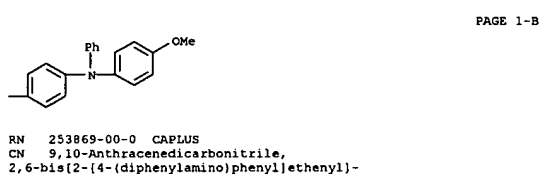
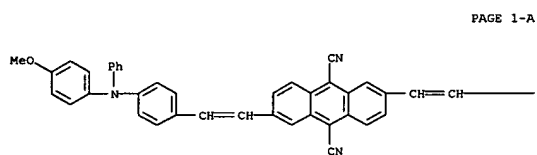
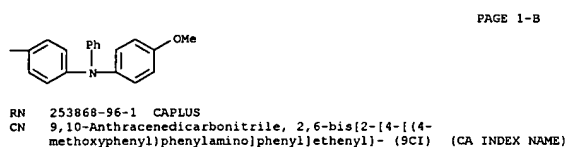
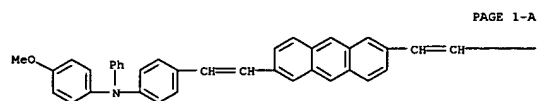


AB Title compds. e.g., (I: R2, R3 = unsubstituted aryl; R1, R4 = substituted aryl; R5, R6 = H, cyano, NO2, CF3, halo), were prepd. Thus, 9,10-dicyano-2,6-bis(diethylphosphonomethyl)anthracene (prepn. given) was stirred with NaH in THF/DMF: 4[(N-phenyl-N-(4-methoxyphenyl)amino)benzaldehyde in THF was added followed by 7 h stirring to give 14 I (R2, R3 = Ph; R1, R4 = 4-MeOC6H4; R5, R6 = cyano). This showed a fluorescence max. at 645 nm. Schematics of org. electroluminescent elements and a flat display are given.

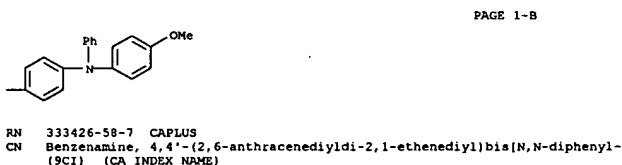
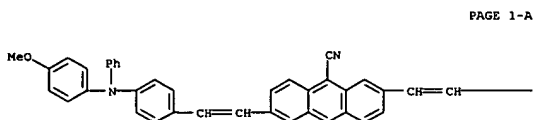
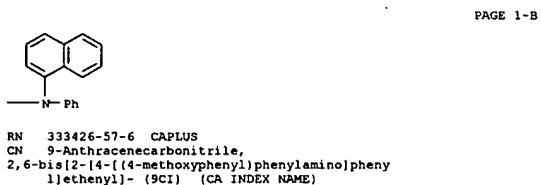
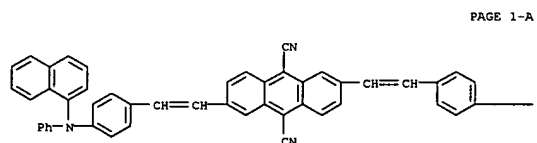
ACCESSION NUMBER: 2001:261095 CAPLUS
DOCUMENT NUMBER: 134:280615
TITLE: Preparation of bis(aminostyryl)anthracenes as organic luminescent materials.
INVENTOR(S): Ichimura, Mari; Ishibashi, Tadashi; Tamura, Shinichiro
PATENT ASSIGNEE(S): Sony Corporation, Japan
SOURCE: Eur. Pat. Appl., 145 pp.
CODEN: EPXKDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1090911	A2	20010411	EP 2000-121754	20001005
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JP 2001106657	A2	20010417	JP 1999-285254	19991006
PRIORITY APPLN. INFO.: JP 1999-285254 A 19991006				
OTHER SOURCE(S): MARPAT 134:280615				
IT 253869-00-0 321709-39-1 333426-57-6P				
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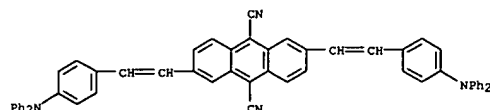
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 333427-20-6P 333427-22-8P
 RL: DEV (Device component use); SPN (Synthetic preparation); PREP
 (Preparation); USES (Uses)
 (prepn. of bis(aminostyryl)anthracenes as org. luminescent materials)
 RN 253868-51-8 CAPLUS
 CN Benzenamine, 4,4'-(2,6-anthracenediyl-di-2,1-ethenediyl)bis[N-(4-methoxyphenyl)-N-phenyl]- (9CI) (CA INDEX NAME)



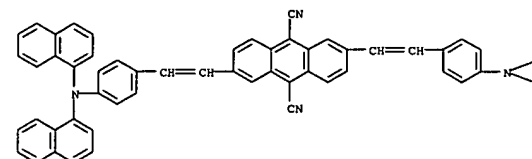
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 (9CI) (CA INDEX NAME)

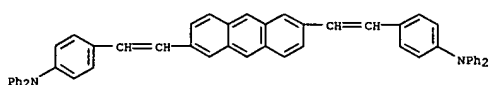


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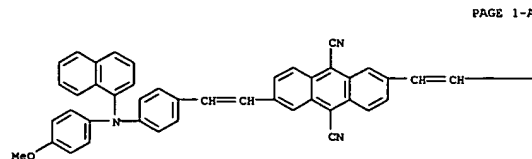
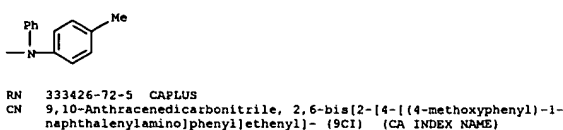
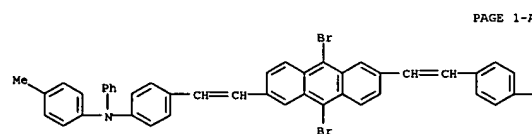


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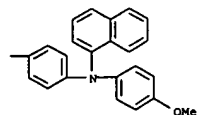
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



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 CN Benzenamine, 4,4'-(9,10-dibromo-2,6-anthracenediyl)di-2,1-ethenediyl]bis[N-(4-methylphenyl)-N-phenyl]- (9CI) (CA INDEX NAME)

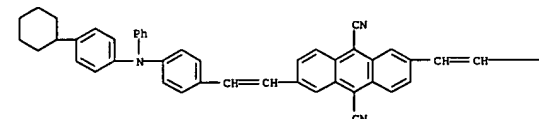


PAGE 1-B

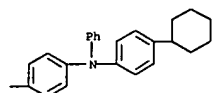


RN 333426-73-6 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-cyclohexylphenyl)phenylamino]phenyl]ethenyl- (9CI) (CA INDEX NAME)

PAGE 1-A

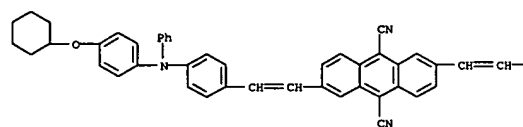


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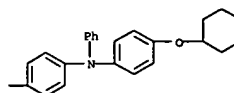


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PAGE 1-A

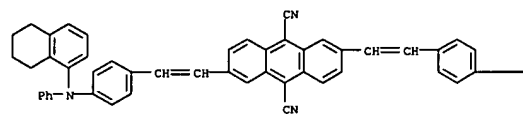


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RN 333426-75-8 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-(phenyl(5,6,7,8-tetrahydro-1-naphthalenyl)amino)phenyl]ethenyl)- (9CI) (CA INDEX NAME)

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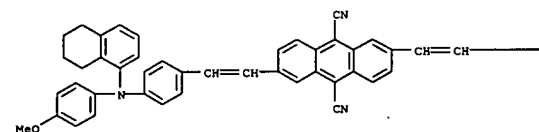


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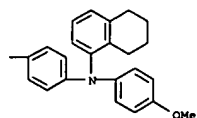


RN 333426-76-9 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-(4-methoxyphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino)phenyl]ethenyl)- (9CI) (CA INDEX NAME)

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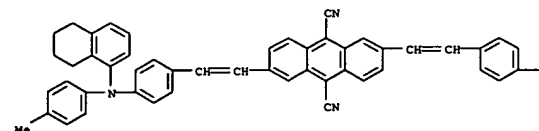


PAGE 1-B

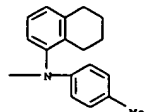


RN 333426-77-0 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-(4-methylphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino)phenyl]ethenyl)- (9CI) (CA INDEX NAME)

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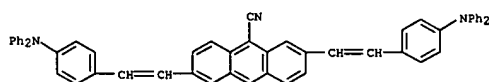


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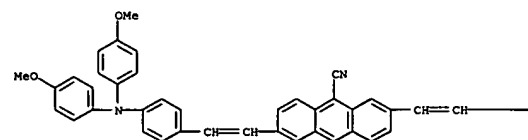
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(9CI) (CA INDEX NAME)

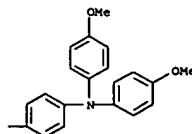


RN 333426-79-2 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-(bis(4-methoxyphenyl)amino)phenyl]ethenyl)- (9CI) (CA INDEX NAME)

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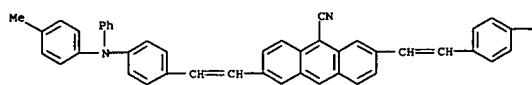


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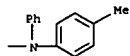


RN 333426-80-5 CAPLUS
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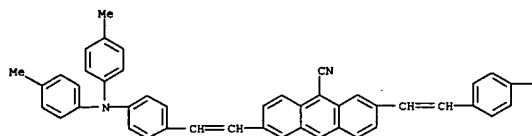


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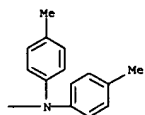


RN 333426-81-6 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[[4-(bis(4-methylphenyl)amino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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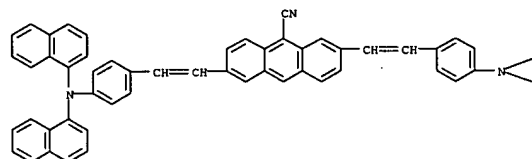


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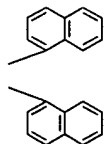


RN 333426-82-7 CAPLUS
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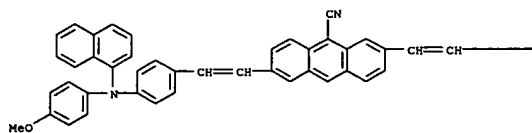


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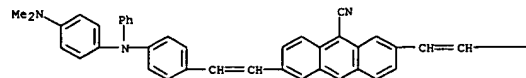


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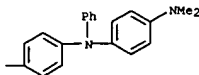
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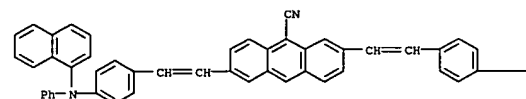


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RN 333426-83-8 CAPLUS
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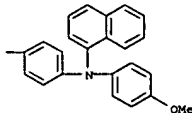


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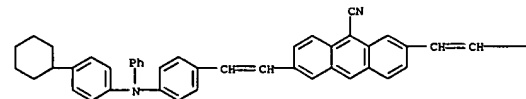
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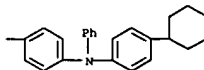


RN 333426-86-1 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[[4-[[4-(cyclohexyl)phenyl]phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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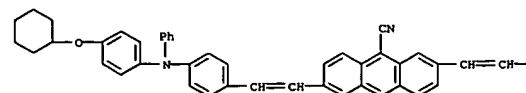


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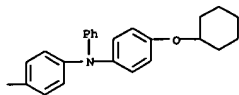


RN 333426-87-2 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[[4-[[4-(cyclohexyloxy)phenyl]phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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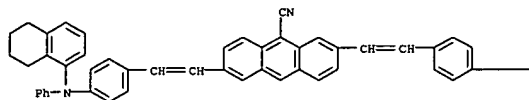


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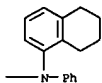


RN 333426-88-3 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-phenyl(5,6,7,8-tetrahydro-1-naphthalenyl)amino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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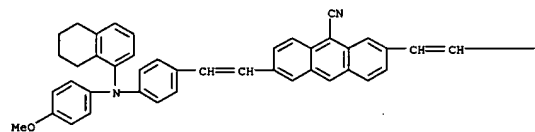


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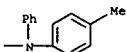


RN 333426-89-4 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-methoxyphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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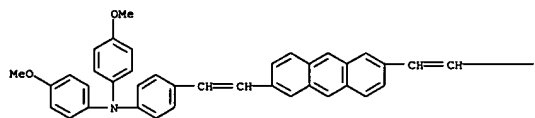


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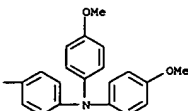


RN 333426-92-9 CAPLUS
CN Benzenamine, 4,4'-(2,6-anthracenediyl)-2,1-ethenediylbis[N,N-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

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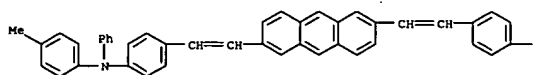


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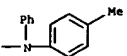


RN 333426-93-0 CAPLUS
CN Benzenamine, 4,4'-(2,6-anthracenediyl)-2,1-ethenediylbis[N-(4-methylphenyl)-N-phenyl- (9CI) (CA INDEX NAME)

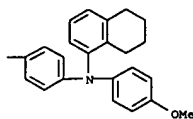
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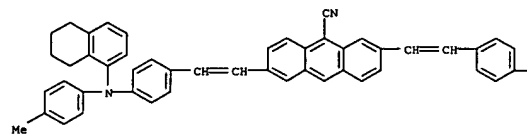


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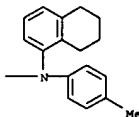


RN 333426-90-7 CAPLUS
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-methylphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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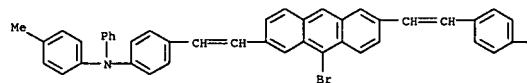


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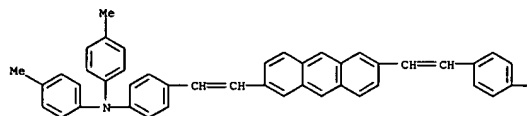
RN 333426-91-8 CAPLUS
CN Benzenamine, 4,4'-[(9-bromo-2,6-anthracenediyl)di-2,1-ethenediyl]bis[N-(4-methylphenyl)-N-phenyl- (9CI) (CA INDEX NAME)

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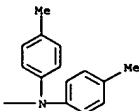


RN 333426-94-1 CAPLUS
CN Benzenamine, 4,4'-(2,6-anthracenediyl)-2,1-ethenediylbis[N,N-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)

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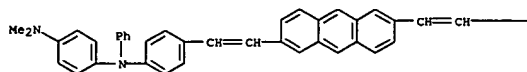


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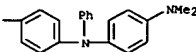


RN 333426-95-2 CAPLUS
CN 1,4-Benzenediamine, N,N'-(2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene)bis[N,N'-dimethyl-N-phenyl- (9CI) (CA INDEX NAME)

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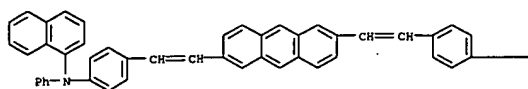


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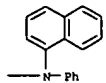


RN 333426-97-4 CAPLUS
CN 1-Naphthalenamine, N,N'-(2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene)bis[N-phenyl- (9CI) (CA INDEX NAME)

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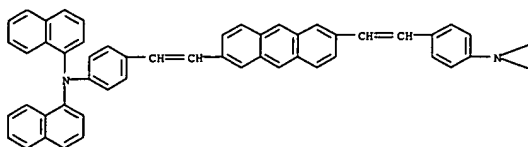


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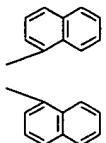


RN 333426-99-6 CAPLUS
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[N-(4-methoxyphenyl)]- (9CI) (CA INDEX NAME)

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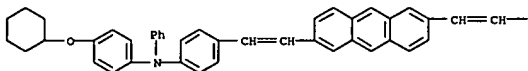


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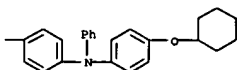


RN 333427-01-3 CAPLUS
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[N-(4-methoxyphenyl)]- (9CI) (CA INDEX NAME)

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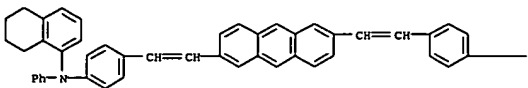


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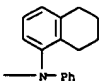


RN 333427-08-0 CAPLUS
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[5,6,7,8-tetrahydro-N-phenyl]- (9CI) (CA INDEX NAME)

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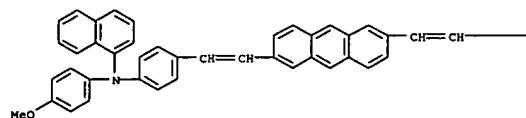


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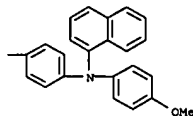


RN 333427-10-4 CAPLUS
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[5,6,7,8-tetrahydro-N-(4-methoxyphenyl)]- (9CI) (CA INDEX NAME)

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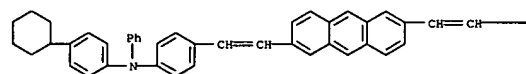


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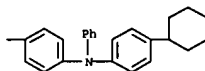


RN 333427-03-5 CAPLUS
CN Benzenamine, 4,4'-(2,6-anthracenediylbis(2,1-ethenediyl))bis[N-(4-cyclohexylphenyl)]-N-phenyl- (9CI) (CA INDEX NAME)

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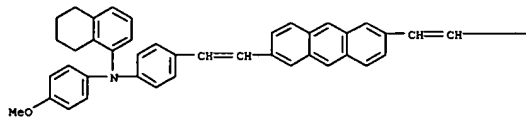


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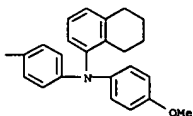


RN 333427-05-7 CAPLUS
CN Benzenamine, 4,4'-(2,6-anthracenediylbis(2,1-ethenediyl))bis[N-(4-cyclohexyloxyphenyl)]-N-phenyl- (9CI) (CA INDEX NAME)

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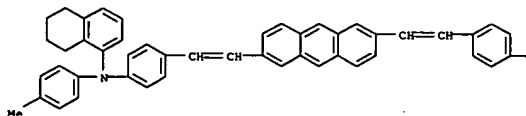


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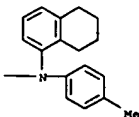


RN 333427-12-6 CAPLUS
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[5,6,7,8-tetrahydro-N-(4-methylphenyl)]- (9CI) (CA INDEX NAME)

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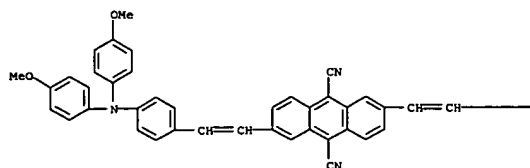
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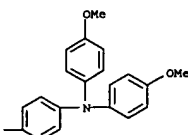
RN 333427-16-0 CAPLUS

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-{bis(4-methoxyphenyl)amino}phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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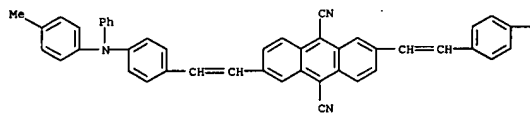


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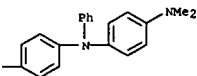
RN 333427-18-2 CAPLUS
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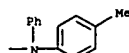
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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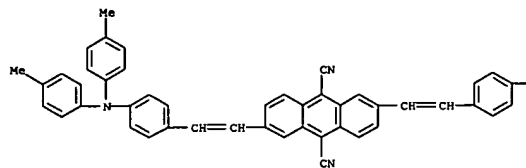
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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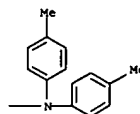


RN 333427-20-6 CAPLUS
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-{bis(4-methylphenyl)amino}phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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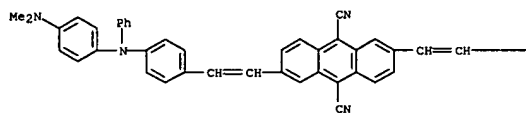


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RN 333427-22-8 CAPLUS
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-{(4-dimethylamino)phenyl]phenylamino}phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
 AB Org. electroluminescent devices comprising an org. layer, which contains at least one distyryl compd. R1R2N-p-C6H4-CH:CHXCH:CH-p-C6H4-NR3R4 [R1,4

= H, or (un)substituted aryl or naphthyl; X = cyano, nitro or halo substituted anthracene].

ACCESSION NUMBER: 2001:78059 CAPLUS
 DOCUMENT NUMBER: 134:139023
 TITLE: Organic electroluminescent device
 INVENTOR(S): Ishibashi, Tadashi; Ichimura, Mari; Tamura, Shinichiro
 PATENT ASSIGNEE(S): Sony Corp., Japan
 SOURCE: Eur. Pat. Appl., 31 pp.
 CODEN: EPOXDW

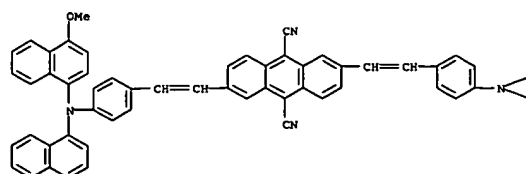
DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1072668	A2	20010131	EP 2000-402171	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TW 463520	B	20011111	TW 2000-89113986	20000713
US 6495274	B1	20021217	US 2000-624146	20000721
JP 200110571	A2	20010420	JP 2000-229659	20000728
CN 1283072	A	20010207	CN 2000-121795	20000731
PRIORITY APPLN. INFO.:			JP 1999-216308	A 19990730

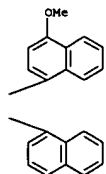
OTHER SOURCE(S): MARPAT 134:139023
 IT 321709-38-0 321709-39-1 321709-41-5
 321709-42-6 321709-44-8
 RL: DEV (Device component use); USES (Uses)
 (org. electroluminescent device)

RN 321709-38-0 CAPLUS
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-{(4-methoxy-1-naphthalenyl)-1-naphthalenylamino}phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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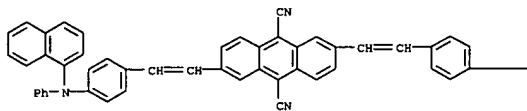


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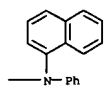


RN 321709-39-1 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(1-naphthalenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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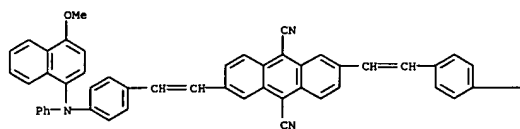


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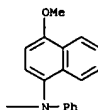


RN 321709-41-5 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-[(4-methoxy-1-naphthalenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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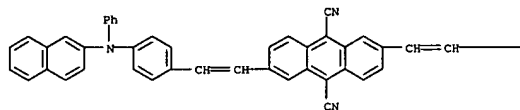


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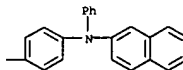


RN 321709-42-6 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(2-naphthalenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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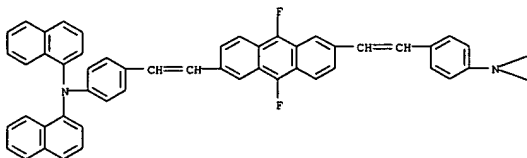


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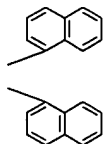


RN 321709-44-8 CAPLUS
CN 1-Naphthalenamine, N,N'-[(9,10-difluoro-2,6-anthracenediyl)bis(2,1-ethenediyl-4,1-phenylene)]bis[N-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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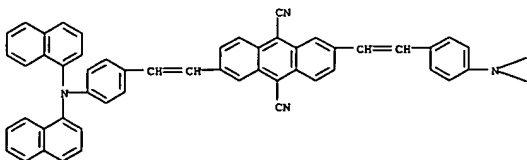


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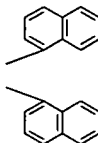


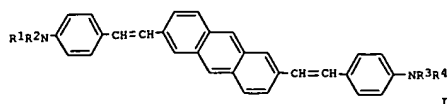
IT 321709-36-8
RL: DEV (Device component use); USES (Uses)
(org. electroluminescent devices employing distyryl compds.)
RN 321709-36-8 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(di-1-naphthalenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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AB The invention refers to an org. electroluminescent device, suitable for use in flat panel displays such as computer monitors and TV screens, which contain the di-styryl compd. I (R1-4 = benzene substituted with at least one (un)satd. alkoxy, or alkyl) as an electroluminescent material for red luminescence.

ACCESSION NUMBER: 2000:34394 CAPLUS
DOCUMENT NUMBER: 132:85755
TITLE: Organic electroluminescent component
INVENTOR(S): Ishibashi, Yoshi; Ichimura, Mari; Tamura, Shinichiro
PATENT ASSIGNEE(S): Sony Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKKXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000012228	A2	20000114	JP 1998-180583	19980626
US 2001038924	A1	20011108	US 1999-344211	19990624
US 6440585	B2	20020827		
CN 1242682	A	20000126	CN 1999-110983	19990625
KR 2000006491	A	20000125	KR 1999-24405	19990626
PRIORITY APPL. INFO.:			JP 1998-180583	A 19980626

OTHER SOURCE(S): MARPAT 132:85755

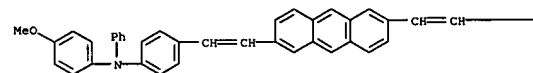
IT 253868-51-8

RL: DEV (Device component use); USES (Uses)
(org. electroluminescent component)

RN 253868-51-8 CAPLUS

CN Benzenamine, 4,4'-(2,6-anthracenediyl-di-2,1-ethenediyl)bis(N-(4-methoxyphenyl)-N-phenyl- (9CI) (CA INDEX NAME)

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention refers to an org. electroluminescent device, suitable for use in flat panel displays such as computer monitors and TV screens, which contains the di-styryl compd. I (R1-4 = identical Ph substituted with at least one (un)satd. alkoxy, or alkyl; and R5-12 contain at least one cyano, nitro or halo), and/or II (R18-25 contain at least one cyano, nitro, or halo) as an electroluminescent material for red luminescence.

ACCESSION NUMBER: 2000:32675 CAPLUS
DOCUMENT NUMBER: 132:85740
TITLE: Organic electroluminescent component
INVENTOR(S): Ishibashi, Yoshi; Ichimura, Mari; Tamura, Shinichiro
PATENT ASSIGNEE(S): Sony Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKKXAF

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000012227	A2	20000114	JP 1998-180582	19980626
US 6242116	B1	20010605	US 1999-339368	19990624
CN 1241893	A	20000119	CN 1999-111215	19990625
PRIORITY APPL. INFO.:			JP 1998-180582	A 19980626

OTHER SOURCE(S): MARPAT 132:85740

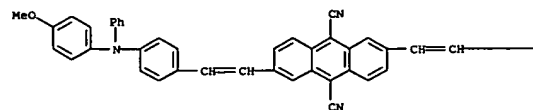
IT 253868-96-1 253869-00-0

RL: DEV (Device component use); USES (Uses)
(org. electroluminescent component)

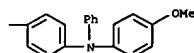
RN 253868-96-1 CAPLUS

CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

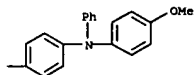
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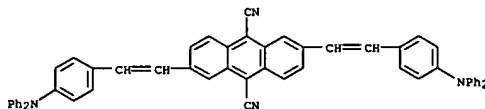
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RN 253869-00-0 CAPLUS
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-(diphenylamino)phenyl)ethenyl]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
36.76	185.12

SINCE FILE	TOTAL
ENTRY	SESSION
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